

**COMBINED DECLARATION AND
POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

DISTRIBUTED VIRTUAL PATH

the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>	<u>Is Priority Claimed?</u>
---------------	----------------	-----------------------------	-----------------------------

None

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

<u>Application Number</u>	<u>Filing Date</u>
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None

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Serial No. Filing Date Patented, Pending, or Abandoned?

None

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

George P. McAndrews	Reg. No. 22,760
John J. Held	Reg. No. 21,061
Timothy J. Malloy	Reg. No. 25,600
William M. Wesley	Reg. No. 26,521
Lawrence M. Jarvis	Reg. No. 27,341
Gregory J. Vogler	Reg. No. 31,313
Jean Dudek Kuelper	Reg. No. 30,171
Herbert D. Hart III	Reg. No. 30,063
Robert W. Fieseler	Reg. No. 31,826
D. David Hill	Reg. No. 35,543
Thomas J. Wimbiscus	Reg. No. 36,059
Steven J. Hampton	Reg. No. 33,707
Priscilla F. Gallagher	Reg. No. 32,223
Stephen F. Sherry	Reg. No. 30,590
Patrick J. Arnold Jr.	Reg. No. 37,769
George Wheeler	Reg. No. 28,766
Janet M. McNicholas	Reg. No. 32,918
Ronald E. Larson	Reg. No. 24,478
Christopher C. Winslade	Reg. No. 36,308
Edward A. Mas II	Reg. No. 37,179
Gregory C. Schodde	Reg. No. 36,668
Edward W. Remus	Reg. No. 25,703
Donald J. Pochopien	Reg. No. 32,167
Sharon A. Hwang	Reg. No. 39,717
David D. Headrick	Reg. No. 40,642
Dean D. Small	Reg. No. 34,730
Alejandro Menchaca	Reg. No. 34,389
Kirk A. Vander Leest	Reg. No. 34,036
Richard T. McCaulley, Jr.	Reg. No. 41,977
Anthony E. Dowell	Reg. No. 39,661
Peter J. McAndrews	Reg. No. 38,547
Krista S. Schwartz	Reg. No. 42,134
Eligio C. Pimentel	Reg. No. 42,076
John F. Nethery	Reg. No. 42,928
Paul L. Rodriguez	Reg. No. 40,788
Stephen H. Bean	Reg. No. 41,607
James P. Murphy	Reg. No. 40,741
Joseph M. Barich	Reg. No. 42,291

Scott P. McBride

Reg. No. 42,853

Address all telephone calls to John F. Nethery at telephone number.

(312) 707-8889.

Address all correspondence to:

McAndrews, Held & Malloy, Ltd.
34th Floor
500 W. Madison Street
Chicago, Illinois 60661

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

This declaration names 1 inventor(s) below.

Information about sole or first inventor.

(given name, family name): Eugene F. Giszczynski
Residence: 23 W 458 Greenbriar Drive
Naperville, Illinois 60540

Citizenship: U.S.A.
Post Office Address: Same

Information for:

(given name)

First inventor's signature:

Date Signed:

Eugene F. Giszczynski

June 7, 1999

Print:

Founding Inventor

11/24/03 13:14 FAX 703 305 3988

US Patent Office TC 2730

0002

312-775-8100

Information about second inventor:

(given name, family name): James K. Thomas
Residence: 3908 Hobson Gate Court
Naperville, Illinois 60540
Citizenship: U.S.A.
Post Office Address: Same

Second inventor's signature: _____

Date Signed: _____

Information about third inventor:

(given name, family name): Eric Peterson
Residence: 26 North Columbia
Naperville, Illinois 60540
Citizenship: U.S.A.
Post Office Address: Same

Third inventor's signature: Eric Peterson

Date Signed: June 7, 1999

Information about fourth inventor:

(given name, family name): Dale A. Scholtens
Residence: 3944 S. Oak Park
Stickney, Illinois 60402
Citizenship: U.S.A.
Post Office Address: Same

Fourth inventor's signature: Dale A. Scholtens

Date Signed: 7-2-99

Information about fifth inventor:

(given name, family name):

Residence:

Citizenship:

Post Office Address:

Michael J. Wurst

684 Churchill Lane

Oswego, Illinois 60543

U.S.A.

Same

Fifth inventor's signature:

Date Signed:

Michael Wurst

8 June 99

65779D-FOH2E260

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POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

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I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

DISTRIBUTED VIRTUAL PATH

the specification of which was filed on June 14, 1999 as U.S. Application No. 09/332,491.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

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<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>	<u>Is Priority Claimed?</u>
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between the filing date of the prior application and the national or PCT international filing date of this application.

<u>Serial No.</u>	<u>Filing Date</u>	<u>Patented, Pending, or Abandoned?</u>
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None

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

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Jonathan R. Sick	Reg. No. P-43,920
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John F. Nethery	Reg. No. 42,928
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Alison L. Pollock	Reg. No. 43,863
James Nuttall	Reg. No. P-44,978
James P. Murphy	Reg. No. 40,741
Dean Pelletier	Reg. No. P-45,007
Joseph M. Barich	Reg. No. 42,291
Tiffany M. Brooks	Reg. No. P-44,564
Scott P. McBride	Reg. No. 42,853
Patricia Jane McGrath	Reg. No. P-44,919
Andrew M. Everest	Reg. No. P-44,674
Christopher V. Carani	Reg. No. 44,049

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This declaration names 5 inventor(s) below.

Information about sole or first inventor:

(given name, family name): Eugene F. Giszczynski
Residence: 23 W 458 Greenbriar Drive
Naperville, Illinois 60540

Citizenship: U.S.A.
Post Office Address: Same

First inventor's signature: _____

Date Signed: _____

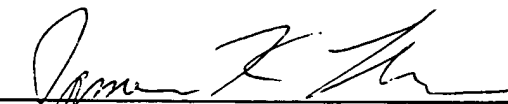
Information about second inventor:

(given name, family name): James K. Thomas
Residence: 18 Lakeside Terrace
Westford, Massachusetts 01886

Citizenship: U.S.A.
Post Office Address: Same

Second inventor's signature: _____

Date Signed: _____


7/26/99

Information about third inventor:

(given name, family name): Eric Peterson
Residence: 26 North Columbia
Naperville, Illinois 60540
Citizenship: U.S.A.
Post Office Address: Same

Third inventor's signature: _____

Date Signed: _____

Information about fourth inventor:

(given name, family name): Dale A. Scholtens
Residence: 3944 S. Oak Park
Stickney, Illinois 60402
Citizenship: U.S.A.
Post Office Address: Same

Fourth inventor's signature: _____

Date Signed: _____

Information about fifth inventor:

(given name, family name): Michael J. Wurst
Residence: 684 Churchill Lane
Oswego, Illinois 60543
Citizenship: U.S.A.
Post Office Address: Same

Fifth inventor's signature: _____

Date Signed: _____

115384501



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

OCTOBER 19, 1999

PTAS

MCANDREWS, HELD & MALLOY, LTD.
JOHN F. NETHERY
34TH FLOOR
500 WEST MADISON STREET
CHICAGO, IL 60661



101122069A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/18/1999

REEL/FRAME: 010170/0760
NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
GISZCZYNSKI, EUGENE F.

DOC DATE: 08/03/1999

ASSIGNOR:
THOMAS, JAMES K.

DOC DATE: 08/09/1999

ASSIGNOR:
PETERSON, ERIC

DOC DATE: 08/05/1999

ASSIGNOR:
SCHOLTENS, DALE A.

DOC DATE: 07/30/1999

ASSIGNOR:
WURST, MICHAEL J.

DOC DATE: 08/05/1999

ASSIGNEE:
TELLABS OPERATIONS, INC.
4951 INDIANA AVENUE
LISLE, ILLINOIS 60532

RECEIVED
NOV 08 1999
MCANDREWS, HELD & MALLOY, LTD.

010170/0760 PAGE 2

SERIAL NUMBER: 09332491
PATENT NUMBER:

FILING DATE: 06/14/1999
ISSUE DATE:

MAYA BENNETT, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

08-20-1999

ock t No. 11538US01

FORM PTO-1595

1/31/92



101122069

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copies thereof.

1. Name of conveying party(ies):

Eugene F. Giszczynski (2)
James K. Thomas (4)
Eric Peterson (3)
Dale A. Scholtens (1)
Michael J. Wurst (3)

2. Name and address of receiving party(ies):

Tellabs Operations, Inc.
4951 Indiana Avenue
Lisle, Illinois 60532
(USA)

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

8-18-99

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other: _____

Execution Date: (1) July 30, 1999 (2) August 3, 1999
(3) August 5, 1999 (4) August 9, 1999

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s): 09/332,491

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 09/332,491

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

John F. Nethery
McAndrews, Held & Malloy, Ltd.
34th Floor
500 West Madison Street
Chicago, Illinois 60661

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

☒ Enclosed Check☐ Authorized to be charged to deposit account

8. Deposit account number: 13-0017

(Attach duplicate copy of this page if paying by deposit account)

08/20/1999 MTHAI1 00000087 09332491

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09 FC:581

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Signature and Registration Number: _____

Name of Person Signing: John F. Nethery

Reg. No. 42,928

Date: August 16, 1999

Total number of pages including cover sheet, attachments and document: 7

ASSIGNMENT

Attorney Case No. 11538US01

Serial No.: 09/332,491
Filing Date: June 14, 1999

Inventors: **Eugene F. Giszczynski**
James K. Thomas
Eric Peterson
Dale A. Scholtens
Michael J. Wurst

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned hereby assigns to **Tellabs Operations, Inc.**, a corporation of Delaware, its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled "**Distributed Virtual Path**," filed **June 14, 1999**, and assigned **Serial No. 09/332,491** in the United States Patent and Trademark Office, and in any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any said Letters Patent to said assignee.

The undersigned warrants himself to be the owner of the entire right, title, and interest in said invention or improvements and to have the right to make this assignment, and further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations, the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation in part, and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other document for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorizes said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agrees, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its

Dale A. Scholtens
Dale A. Scholtens

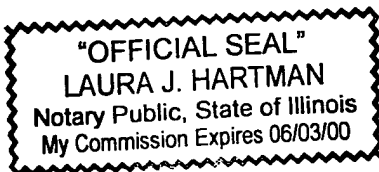
19 99 WITNESS my hand and seal this 30th day of July.

State of Illinois

County of DuPage

The foregoing instrument was acknowledged before me this 30th day of July, 19 99 by Dale A. Scholtens.

Laura J. Hartman
Notary Public



successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.



Eugene F. Giszczynski


WITNESS my hand and seal this 3rd day of AUGUST, 1999.

State of Illinois

County of Will



The foregoing instrument was acknowledged before me this 3rd day of August, 1999 by Eugene F. Giszczynski


Notary Public

Eric Peterson
Eric Peterson

WITNESS my hand and seal this 5th day of AUGUST,
19 99.

State of Illinois

County of Will

The foregoing instrument was acknowledged before me this 5th day of
August, 19 99 by Eric Peterson.



Robyn Goldman
Notary Public

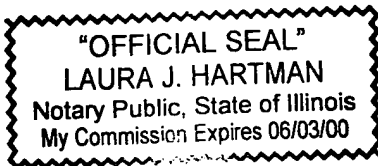
Michael J. Wurst
Michael J. Wurst

19 99 **WITNESS** my hand and seal this 5th day of ~~July~~th August.

State of Illinois
County of DuPage

The foregoing instrument was acknowledged before me this 5th day of August, 19 99 by Michael J. Wurst.

Laura J. Hartman
Notary Public



James K. Thomas
James K. Thomas

WITNESS my hand and seal this 9th day of August,
19 99.

State of MASSACHUSETTS

County of MIDDLESEX

The foregoing instrument was acknowledged before me this 9th day of
August, 19 99 by JAMES K. THOMAS.

KATHLEEN F. MORRELL
Notary Public
My Commission Expires Nov. 5, 2004

Kathleen F. Morrell
Notary Public